

Title (en)

PROCESS FOR MANUFACTURING A STRUCTURE ACTING AS A POSITIVE ELECTRODE AND AS A CURRENT COLLECTOR FOR A LITHIUM-SULFUR ELECTROCHEMICAL ACCUMULATOR

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER ALS POSITIVELEKTRODE UND ALS STROMABNEHMER WIRKENDEN STRUKTUR FÜR EINEN ELEKTROCHEMISCHEN LITHIUM-SCHWEFEL-AKKUMULATOR

Title (fr)

PROCEDE DE FABRICATION D'UNE STRUCTURE FAISANT OFFICE D'ELECTRODE POSITIVE ET DE COLLECTEUR DE COURANT POUR ACCUMULATEUR ELECTROCHIMIQUE LITHIUM-SOUFRE

Publication

**EP 3472882 B1 20200701 (FR)**

Application

**EP 17736996 A 20170616**

Priority

- FR 1655661 A 20160617
- FR 2017051586 W 20170616

Abstract (en)

[origin: WO2017216501A1] The invention relates to a process for preparing a structure acting both as a positive electrode for a lithium-sulfur battery and as a current collector, comprising the following operations: - depositing one or more liquid compositions comprising the constituent ingredients of this structure on a removable substrate; - drying the one or more deposited compositions; - separating the removable substrate from the structure thus obtained, which forms the structure acting both as a positive electrode for a lithium-sulfur battery and as a current collector.

IPC 8 full level

**H01M 4/13** (2010.01); **H01M 4/04** (2006.01); **H01M 4/139** (2010.01); **H01M 4/38** (2006.01); **H01M 4/62** (2006.01); **H01M 10/052** (2010.01)

CPC (source: EP US)

**H01M 4/0409** (2013.01 - EP US); **H01M 4/0414** (2013.01 - EP US); **H01M 4/0471** (2013.01 - US); **H01M 4/13** (2013.01 - EP US); **H01M 4/133** (2013.01 - US); **H01M 4/139** (2013.01 - EP US); **H01M 4/1393** (2013.01 - US); **H01M 4/38** (2013.01 - EP US); **H01M 4/625** (2013.01 - EP US); **H01M 10/052** (2013.01 - EP US); **H01M 10/0525** (2013.01 - US); **H01M 4/0402** (2013.01 - EP US); **H01M 2004/028** (2013.01 - US); **Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2017216501 A1 20171221**; EP 3472882 A1 20190424; EP 3472882 B1 20200701; FR 3052918 A1 20171222; FR 3052918 B1 20240126; US 2019190003 A1 20190620

DOCDB simple family (application)

**FR 2017051586 W 20170616**; EP 17736996 A 20170616; FR 1655661 A 20160617; US 201716309721 A 20170616